## DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below-named inventor, Peter C. VanBuskirk, Jeffrey F. Roeder, Steven M. Bilodeau, Michael W. Russell, Stephen T. Johnston, Daniel J. Vestyck, and Thomas H. Baum, we hereby declare that my residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled "Scalable Lead Zirconium Titanate (PZT) Thin Film Material and Deposition Method, and Ferroelectric Memory Device Structures Comprising Such Thin Film Material", the specification of which

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(check one)		is attached hereto. was filed on and was amended	as Application Serial No.	(if applicable).
I hereby state including the c	that I ha	ave reviewed and understar amended by any amendme	nd the contents of the above id- nt referred to above.	entified specification,
I acknowledge accordance with	the duty th Title 3	to disclose information wh 7, Code of Federal Regulation	ich is material to the examination ions, §1.56(a).	ı of this application in
application(s)	or paten patent o	t or inventor's certificate lis	Title 35, United States Code, sted below and have also identifing a filing date before that of the	ied below any foreign
Prior Foreign A	Applicati	on(s)		
				Priority Claimed  ☐ Yes ☒ No
(Number)		(Country)	(Day/Month/Year Filed)	□ Yes ⊠ No
in the prior Ur States Code, § of Federal Reg	id, insofa nited Stat 112, I aculations,	ar as the subject matter of e ses application in the mann eknowledge the duty to disc	States Code, §120 of any United each of the claims of this specific er provided by the first paragraphose material information as define tween the filing date of the priciplication.	eation is not disclosed on of Title 35, United in Title 37, Code
(Application N	umber)	(Filing Date)	(Status-Patented, P	ending, abandoned)
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I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

OLIVER A. ZITZMANN, Reg. No. 38,691

STEVEN J. HULQUIST, Reg. No. 28,021

All correspondence in connection with this application should be sent to:

Oliver A. Zitzmann ATMI, Inc. 7 Commerce Drive Danbury, CT 06810 Telephone: (203) 794-1100

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

	Full Name of first inventor: PETER C. VAN BUSKIRK
	Inventor's Signature / ten / skel / Date 2/17/99
	Residence: 18 Poverty Hollow Road, Newtown, CT 06470
74 2,7 34	Citizenship: USA
F State Bary The	Post Office Address: 18 Poverty Hollow Road, Newtown, CT 06470
100 Hang Hang	Full Name of second inventor: <b>JEFFREY F. ROEDER</b>
: 21). : 24°	Inventor's Signature Date 2/15/99
: ::::::::::::::::::::::::::::::::::::	Residence: 4 Longmeadow Hill Road, Brookfield, CT 06804
7.4.7. 2.4.7.4.0 3.4.4.1.4.0 3.4.4.1.4.1.4.1.4.1.4.1.4.1.4.1.4.1.4.1.	Citizenship: USA
esis . I	Post Office Address: 4 Longmeadow Hill Road, Brookfield, CT 06804
esia.	
	Full Name of third inventor: STEVEN M. BILODEAU
	Inventor's Signature
	Residence: 20 Carriage Drive, Oxford, CT 06478
	Citizenship: USA
	Post Office Address: 20 Carriage Drive, Oxford, CT 06478
	Full Name of fourth inventor: MICHAEL W. RUSSELL
	Inventor's Signature Date Date
	Residence: 50 Aiken Street, Apt. 516, Nowalk, CT 06851
	Citizenship: USA
	Post Office Address: 50 Aiken Street, Apr. 516 Nowalk CT 06851

Full Name of fifth inventor: STEPHEN T. JOHNSTON			
Inventor's Signature	Date _	15 FEB 99	
Residence: 34 Greenwood Avenue Bethel, CT 06801			
Citizenship: USA			
Post Office Address: 34 Greenwood Avenue, Bethel, CT 06801			
Full Name of sixth inventor: DANIEL J. VESTYCK			
Inventor's Signature 'anul To les lych To	Date _	02/16/99	
Residence: 26-10 Rose Lane, Danbury, CT 06811			
Citizenship: USA			
Post Office Address: 26-10 Rose Lane, Danbury, CT 06811			
Full Name of seventh inventor: THOMAS H. BAUM			
Inventor's Signature Thomas # Buim	Date _	2-16-99	
Residence: 2 Handol Lane, New Fairfield, CT 06812			
Citizenship: USA			
Post Office Address: 2 Handol Lane, New Fairfield, CT 06812			

We assign to Advanced Technology Materials, Inc., 7 Commerce Drive, Danbury, Connecticut 06810, all of our ownership and rights in:

- (i) the invention and U.S. Patent Application;
- (ii) U.S. Patents on the invention; and

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(iii) corresponding foreign patent applications and patents.

We are making this assignment based on our relationship with Advanced Technology Materials, Inc.

We request the Commissioner of Patents and Trademarks of the United States and the appropriate officers of all foreign countries to issue patents on the invention to Advanced Technology Materials, Inc.

We agree to execute any other legal documents that may be required to effectuate this Assignment.

We agree that we will promptly communicate to Advanced Technology Materials, Inc. all facts which come to our attention affecting the invention or patent rights.

We agree that we will testify in any interference or litigation involving the invention or patent rights.

We state that we have not previously taken any action in conflict with this Assignment.

		Peter C. VanBuskirk	Date		
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	/	Notary Public			
	(SEAL)				

My commission expires on:

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		Steven M. Bilodeau		Date
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